HURRICANE CITY
UTAH

Mayor
Nanette Billings

City Manager
Kaden C. DeMille

Power Board
Mac J. Hall, Chair
Jerry Brisk
Pam Humphries
Dave Imlay
Joseph Prete
Charles Reeve

Power Board Meeting Agenda

6/8/2022

3:00 PM

Power Department Meeting Room – 526 W 600 N

Notice is hereby given that the Power Board will hold a Regular Meeting in the Power Department Meeting room located at 526 W 600 N, Hurricane, UT. A silent roll call will be taken, along with the Pledge of Allegiance and prayer by invitation.

AGENDA

1. Pledge of Allegiance
2. Prayer
3. Approval of Minutes from May 2022

STAFF REPORTS

Scott Hughes/Power Director
Brian Anderson/Transmission & Distribution Superintendent
Michael Ramirez/Service Superintendent
Jared Ross/Substation & Generation Superintendent

OLD BUSINESS

1. Fiber Update
2. Franchise Update

NEW BUSINESS

1. Solar Policy Discussion and Possible Decision
2. AMI Discussion and Possible Decision
3. UAMPS Updates
4. Budget

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The Hurricane City Power Board met on May 4, 2022, at 3:00 p.m. at the Clifton Wilson Substation on 526 W 600 N.

In attendance were Chairman Mac Hall, Joseph Prete, Charles Reeve, Dave Imlay (by phone), Fred Resch, Scott Hughes, Brian Anderson, Michael Ramirez, Jared Ross, and Crystal Wright.

Mac Hall welcomed everyone to the meeting; Scott Hughes led the Pledge of Allegiance and Mac Hall offered the prayer. Charles Reeve motioned to approve minutes from March 2022 Special Meeting and April 2022. Dave Imlay seconded the motion after one correction to April 2022. Motion passed unanimously.

Scott Hughes: Introduced Jeff Jones who is a new employee in the Substation. Jeff described some of his skills and background. Informed the board that Trace Torgerson will be leaving for another job opportunity the end of this week and we are looking to fill his position.

Brian Anderson: Working on 600 N Phase 2 which is almost complete except for some material needed to build risers. Transmission crew has been helping Service crew get caught up and Substation crew with the metering point at the Brentwood Substation. Crew installed permanent down guys at 1100 W 3000 S. Reported on upcoming projects which include: Cordero Project, 2800 W Transmission Project, and 600 N Transmission Phase 3 project.

Michael Ramirez: The resolution with the fee restructuring was passed in City Council at their previous meeting. There was a difference found between the resolution that was passed and the ordinance which is being cleaned up and the ordinance presented to City Council at their next meeting. Provided AMI metering update. The quotes have been received back from two companies and we are going through quotes and resolving questions. The crews helped the City with the installation of the Bell Tower structure at the Community Center.

Jared Ross: Mac Hall asked if generators are ready for the summer season. Jared reported they're working on it, but not quite ready. The Substation crew has installed field regulators for the Three Falls Substation that are in service. They have helped already a little in that area. The site excavation bid was approved and awarded to Ash Excavating. The Brentwood substation metering pole was replaced, and all the equipment was reinstalled. The gas generator maintenance was completed as of yesterday. Wheeler will be coming to complete vibration testing. After that testing the gas generators are ready to go for the run season. The air permit has been submitted for approval with the Utah DAQ. We had some issues with the new line truck. Altec stepped up and was able to get it fixed and it is back. We are hopeful that means the issues are resolved.

Public Infrastructure District (PID) Update: The PID's did get approved at City Council. The only thing the Power Department included was a distribution line down to the water pumps.

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Fiber and Pole Attachment Update: Scott Hughes reported about a variety of meetings regarding the option of looking into providing fiber. Each meeting provides information, but also brings more questions to research. Looking into other cities who have provided fiber service. Dave Imlay asked if we are looking to be a fiber provider in addition to power. Scott Hughes replied that is a possibility. We are still researching with other cities and Zions Bank regarding financing questions. Charles Reeve explained it could work to be an entity who provides the fiber and just leases it out to other internet providers. Scott Hughes said there are cities that are doing it both ways, but his opinion leans toward what Charles described. Dave Imlay said this solution had other drawbacks that he hadn't wanted to address to resolve the pole attachment problems. Scott Hughes said there is still a lot of research and there are pros and cons to each option. He will report updates as we continue our research.

Franchise Agreement Discussion: Scott Hughes reported this item is on the agenda mainly to discuss history and options going forward. The Dixie REA Franchise Agreement was created in 2002. It was a 20-year agreement and will be coming up for renewal this year. Mac Hall, Charles Reeve, and Dave Imlay all participated in providing a history about how the original franchise agreement was created and operated. Mac Hall made a recommendation to renew another franchise agreement. Dave Imlay mentioned that his understanding is if Dixie REA decides they no longer want to service that area and because that area is within our city boundary that we would be required to service that area. We should research that to see exactly what the franchise agreement states. Charles Reeve and Mac Hall suggested to look for a benefit and position when drafting this next franchise agreement.

Underground Standards Revision Discussion: Scott Hughes reported that we are looking at updating our Underground Standards to investigate changing the Industrial standard to require main infrastructure to be installed as three-phase instead of single-phase. There have been many complications with developers just wanting single-phase installed and then someone coming in to purchasing the building and needing three-phase power. We just want the availability for the lot owners to have the ability to choose between the two, this would only be the main infrastructure being installed. Mac Hall suggested to write something up and bring it back. His suggestion is to include an option that if single-phase is all that is needed and there was assurance that it would never need to be changed that it could possibly be allowed. (Time 56:30)

UAMPS: Scott Hughes reported on the Central St. George project. On Sand Hollow Road UAMPS has a line that we have under build on that line. Mac Hall and Charles Reeve provided a history of how that line came to be that created the complication that exists now. The Steel Solar 1A project is still moving forward. This commercial operation date will be extended until April 2023. The price should stay the same. The Muddy Creek update has hit a hiccup with a sage grouse issue that is being worked out with Bureau of Land Management (BLM). It is still moving forward. They're looking at a possible approval in May. The San Juan/Enchant project was able to get an extension to run through September. San Juan will continue to run until then. Enchant is having issues with transmission. UAMPS staff is letting us know that we can exit the project, however most people are staying because the resource is needed too badly. The CFPP project is still moving forward, but no big news to report. Recommendation made to refer the questions Scott received by email directly to UAMPS for questions regarding the project. Scott Hughes reported on the Smart Energy projects. Just an overview of the program and the various participation in each rebate program. Dave Imlay replied that any rebates will appear on the UAMPS bill that we pay. We budget a certain amount with UAMPS every year and they will reimburse us if we haven't used it all at the end of the year. Fervo Energy is a new opportunity for a geothermal resource. UAMPS is getting us some more information about this opportunity after sending a questionnaire out. This just in an introduction that this will be forthcoming. Dave Imlay suggested that if a

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solicitation for participation comes out before the next meeting that we let them know we're interested in participating and will have some time to figure out details before having to commit.

Budget: Went through current MW cost, 10-year weighted average and yearly average. Discussion about reasons for costs and projected costs. Charles Reeve recommendation to make sure that we're keeping track of costs and not get behind raising our prices quickly enough to avoid financial trouble. Recommendation from Power Board to watch the bottom line very close. We may need to raise rates sooner than we anticipated if power prices get out of hand.

Mac Hall introduced some visitors that attended. Infowest employees attended and provided some information about the fiber discussion we had earlier in the meeting. Dave Imlay wanted to find out if we have found out information regarding UAMPS Member Conference for 2022. Scott Hughes said we have not received the information about it yet and we will get it out as soon as we receive it. Dave Imlay mentioned a program that the new company he is working for is offering for a pole to be installed for a photo opportunity that is no cost. Scott Hughes reported that we did not get the extra San Juan resource bid that we discussed last meeting.

The Power Board adjourned at 4:50 p.m. The next Power Board Meeting is scheduled for June 1, 2022, at 3:00 p.m.

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CRSP RECS

MAY 17, 2022

CURRENT OUTLOOK

- PROJECT HAS AMASSED 2,342,974 RECS FROM 2014-2020
- RECS IDEALLY WOULD BE USED (CLAIMED THEN RETIRED, OR SOLD)
- RECS ARE CREATED FROM 9 HYDROELECTRIC PLANTS IN THE PROJECT
  - SOME HYDROELECTRIC PLANT RECS ARE MORE VALUABLE THAN OTHERS BASED ON THEIR SIZE AND/OR LOCATION

CRSP REC OPPORTUNITIES

- RENEWABLE ENERGY BENEFITS CAN BE CLAIMED BY PROJECT MEMBERS
- UNCLAIMED RECS CAN BE SOLD
- I AM EXPLORING REC SALE OPPORTUNITIES
  - RECS HAVE DIMINISHING VALUE AS THEY AGE

- CURRENT OPPORTUNITIES (NOT EXCLUSIVE)
  - 200,000 JULY-AUGUST 2020 RECS AT $1.20/REC (DELIVERY BY 5/31)
  - 16,000 2022 RECS AT $3.00/REC
    - WE DO NOT HAVE THESE RECS ACCOUNTED FOR YET, MAY NOT BE ABLE TO MAKE THE DELIVERY DATE
  - 2014-2019 RECS AT $0.05/REC
  - 2021 RECS AT APPROXIMATELY $1.50/REC

UAMPS RECOMMENDATION

- SELL ALL UNUSED AND UNCLAIMED PROJECT RECS THROUGH 2022 RECS
  - WILL REEXAMINE ON A YEARLY BASIS
  - WILL FURTHER EXPLORE CURRENT OPPORTUNITIES TO ATTAIN THE BEST RETURN

- ASKING FOR PMC APPROVAL TO PURSUE THESE REC SALES THROUGH 2022 AND REEXAMINE ON A YEARLY BASIS

INFORMATION FROM MEETING WITH WAPA

- RECS ARE TRANSFERRED ONCE FOR THE PREVIOUS YEAR.
  - SHOULD OCCUR IN THE SPRING
- RECS ARE SPLIT FOR EVERY GENERATOR BETWEEN THE PROJECT PARTICIPANTS BY THEIR ENTITLEMENTS
  - THIS IS NOT WHAT I SEE WHEN FURTHER EXAMINING UAMPS RECS
    - ONLY RECEIVING RECS FOR THE 3RD AND 4TH QUARTERS OF EVERY YEAR
    - NOT ALL GENERATORS ARE REPRESENTED
  - I NEED TO FURTHER EXPLORE THIS DISCREPANCY WITH WAPA
- ESTIMATED 325,000 2021 RECS ALLOCATED TO UAMPS
  - FINAL AMOUNT AND TRANSFER WILL HAPPEN BY THE END OF THE MONTH

NEXT STEPS

- RECS DO NOT SEEM TO BE AN ACCURATE REPRESENTATION OF GENERATION BY MONTH
  - THEREFORE, I BELIEVE THE A&G ENTITLEMENT PERCENTAGE SHOULD BE USED TO SPLIT UP THE RECS AND REVENUE
  - I WILL VERIFY HOW THE REC ENTITLEMENTS ARE DETERMINED BY WAPA
- PROPOSE SELLING 200,000 2020 RECS (62% OF UAMPS TOTAL 2020 CRSP RECS)
  - THIS TRANSACTION IS DEPENDENT ON DELIVERY BEFORE 5/31
- PROPOSE HOLDING AN INTERIM MEETING IN 2-3 WEEKS TO DETERMINE THE REST AFTER WE HAVE FIGURED OUT MORE ABOUT THE REC ALLOCATION FROM WAPA
- SENT A SPREADSHEET WITH MEMBER A&G ENTITLEMENT PERCENTAGE

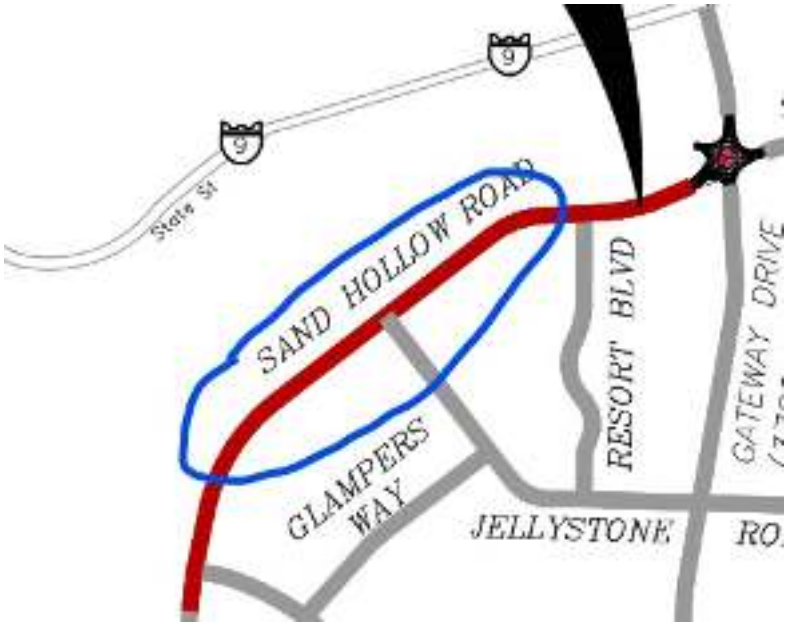
2020 CRSP RECs 323580

Member	A&G Entitlement	2020 REC Allotment
Beaver	1.856%	6005
Blanding	0.554%	1792
Bountiful	30.830%	99761
CUWCD	0.145%	469
Enterprise	1.000%	3237
Ephraim	2.398%	7759
Fairview	0.664%	2148
Fillmore	1.908%	6174
Holden	0.267%	864
Hurricane	2.451%	7931
Hyrum	2.600%	8414
Kanosh	0.287%	929
Kaysville	1.993%	6450
Lehi	3.616%	11702
Logan	17.800%	57597
Meadow	0.265%	858
Monroe	0.992%	3211
Morgan	1.922%	6219
Mt. Pleasant	1.379%	4464
Oak City	0.246%	795
Paragonah	0.162%	526
Parowan	1.225%	3962
Payson	3.740%	12101
Santa Clara	0.276%	894
SESD	1.685%	5452
Spring City	0.228%	739
Springville	6.050%	19576
Washington	0.546%	1767
Weber Basin	2.252%	7288
Brigham City	9.425%	30498
Price	1.235%	3998
		323580

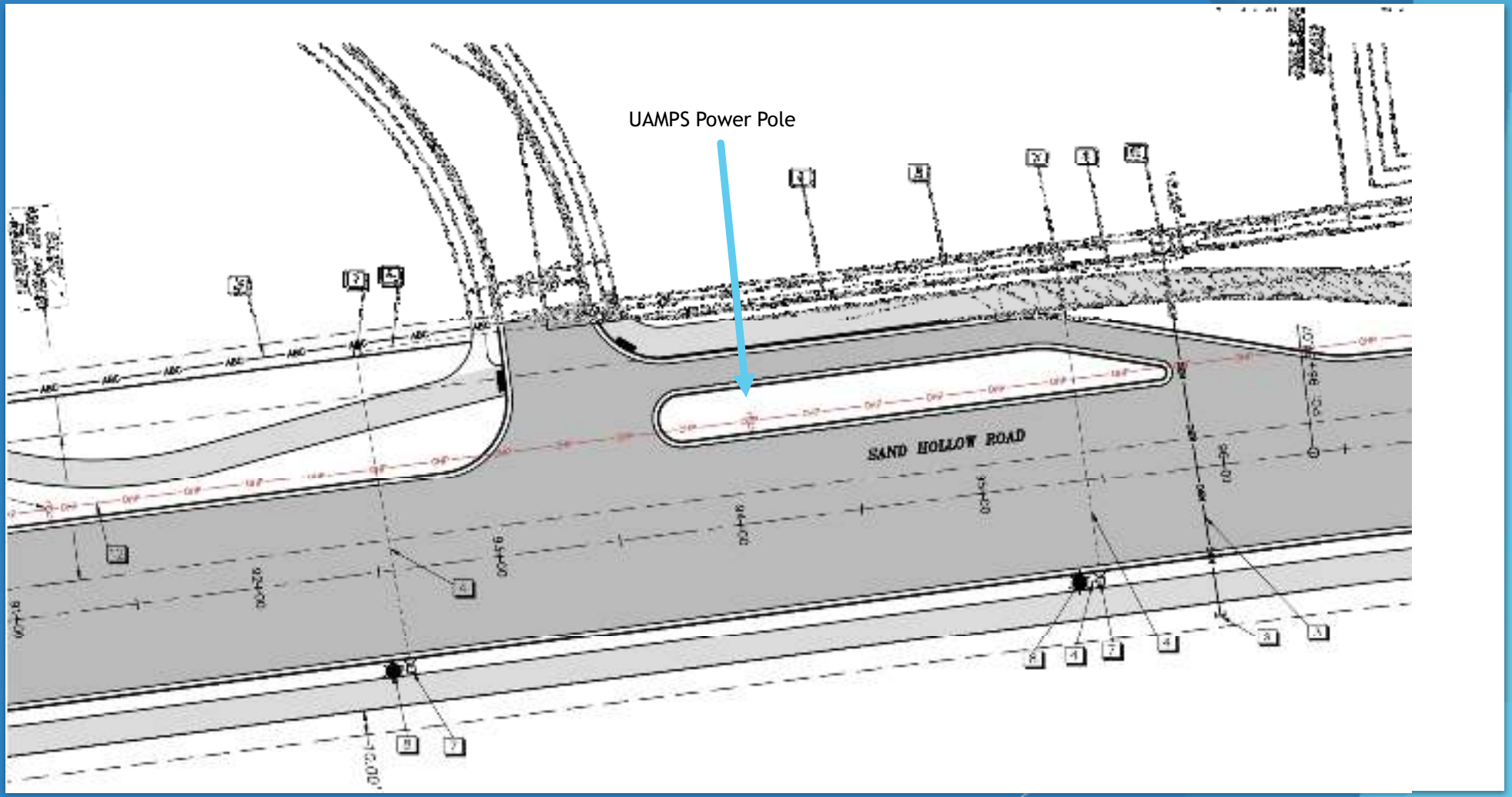
ROW Inquiry Updates-CSG

May 18, 2022

New Hurricane Development Along Sand Hollow Road



- Working on getting a full survey completed
- Communicated to the developer that any cuts/fills to the current poles may result in needing replacement at the developer's expense.
- Requested additional protection of the poles in the median


UAMPS Power Pole
SAND HOLLOW ROAD

Dominion Project Near Red Butte Substation

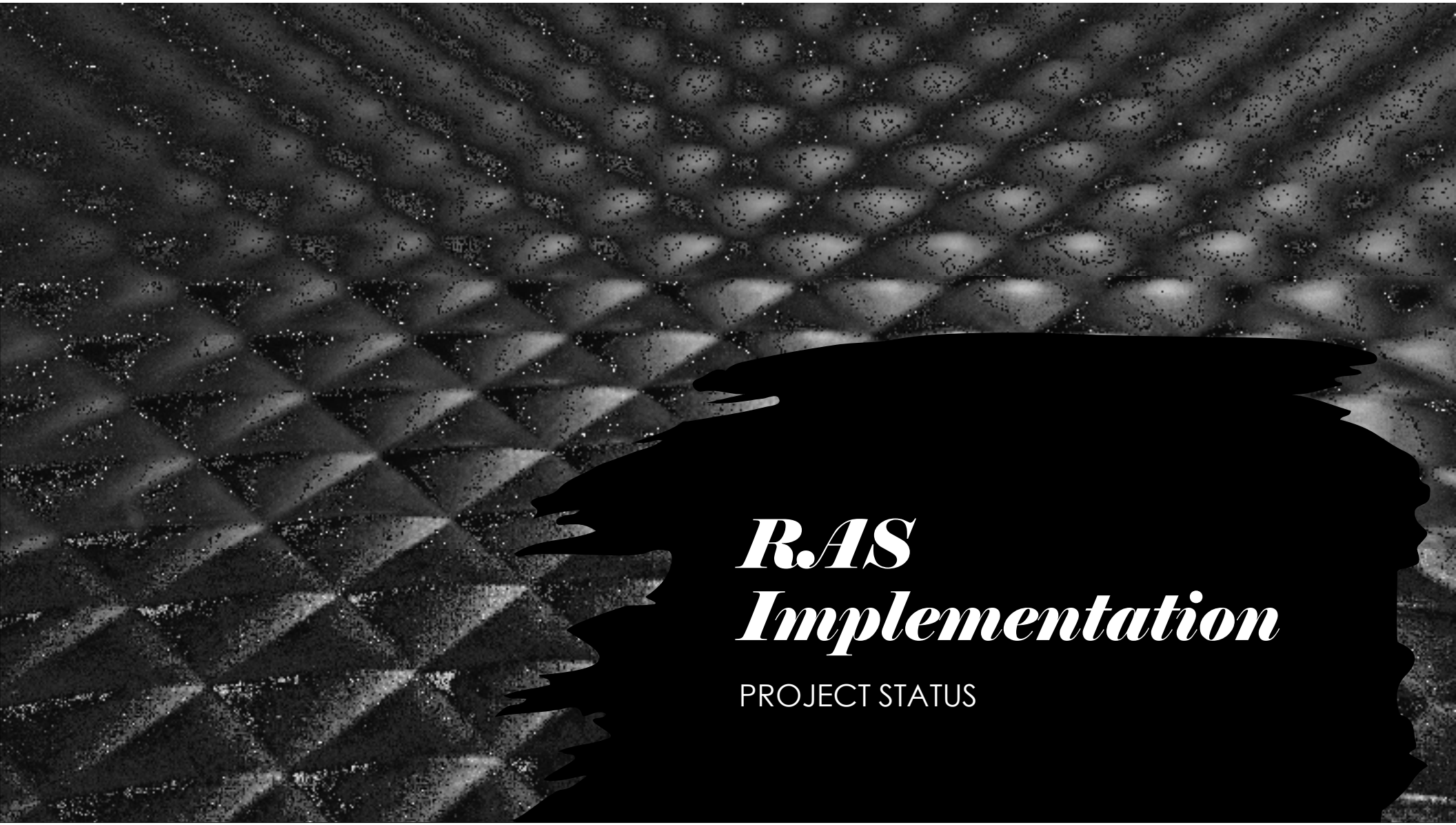
- Encroachment Permit and Temporary Construction Easement have been executed by both Dominion and UAMPS
- Once Dominion knows their start date (they are hoping that is within the next couple of weeks) they will inform UAMPS, and with UAMPS approval of the date, begin construction

Vegetation Management

- CSG project owns a lot at 1607 Arabian Way in Washington (along Washington Dam Road)
- Received notice from the Washington police to clear the weeds.
- Washington is taking care of the lot this instance

Vegetation Management Protocol

- I am asking for PMC direction on future vegetation management issues
  - Who should be responsible for the management?
    - The O&M Contractor
    - Member city where the management is needed



RAS Implementation

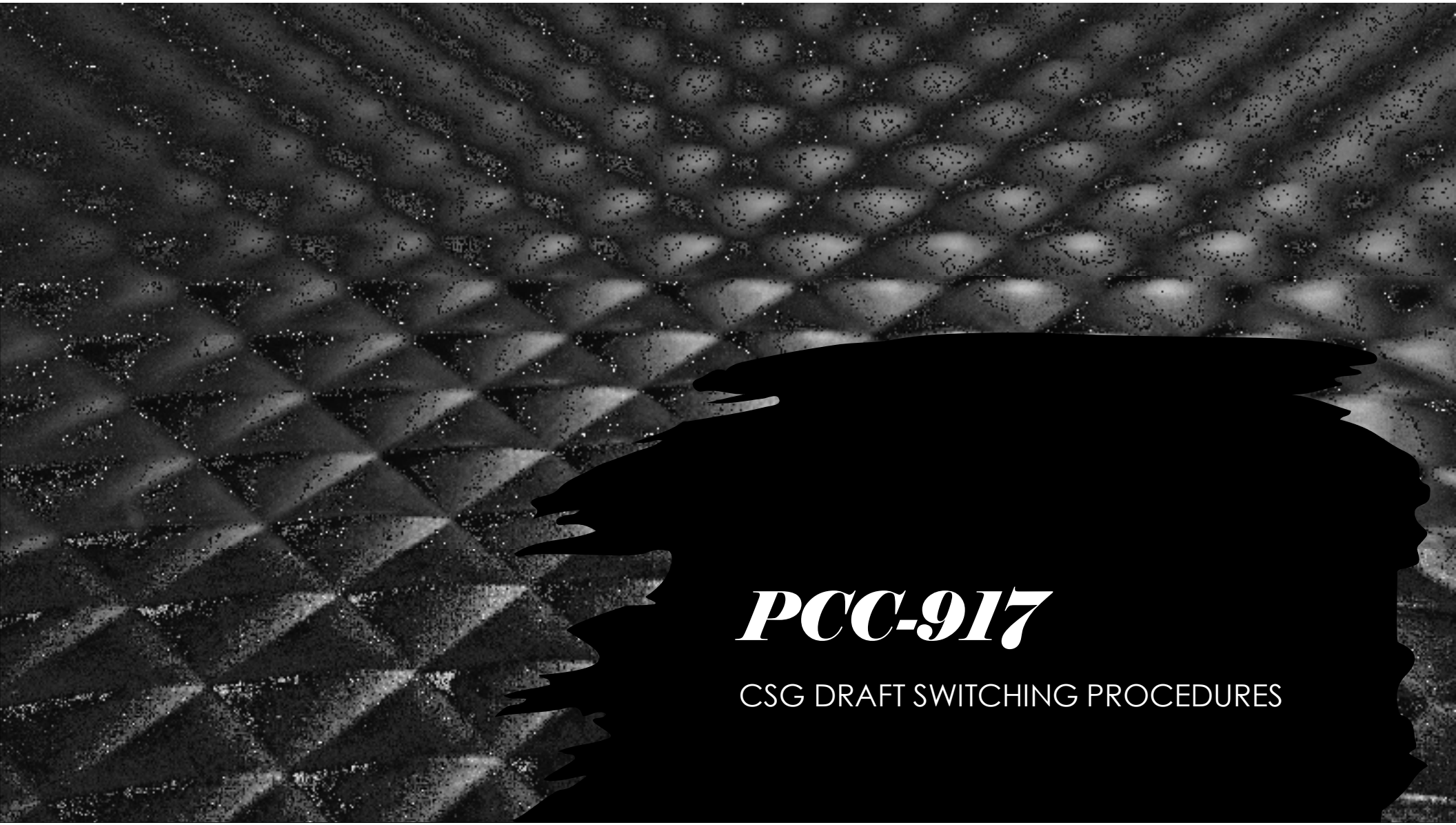
PROJECT STATUS

Project Delayed – Supply Chain Issues

- Communication Work:
  - Equipment & fiber jumpers to be replaced May 18, 2022 at St. George Substation
  - Communication path to be tested & verified by May 20, 2022
  - RTU updates & wiring at St. George & Red Butte Substations will be completed by May 25, 2022

New In-Service Date: June 15, 2022

- Relay Work:
  - Supplier delayed the control cable delivery
  - PacifiCorp is borrowing cable from other, lower priority projects
  - Cable installation at St. George substation will be completed this week and will perform testing the week of May 23rd



PCC-917

CSG DRAFT SWITCHING PROCEDURES

WAPA 2436 Emergency Service

BREAKDOWN OR EMERGENCY SERVICE

27. In the event of a breakdown or emergency on the system of either party, the other party shall make every effort to supply, during the period of such breakdown or emergency, all necessary power and energy so far as it can do so consistent with its obligation to its other customers, but the supplier shall be the sole judge of its ability to supply such power and energy. The energy furnished hereunder shall be credited to the supplier's interchange energy account under Article 28 hereof.

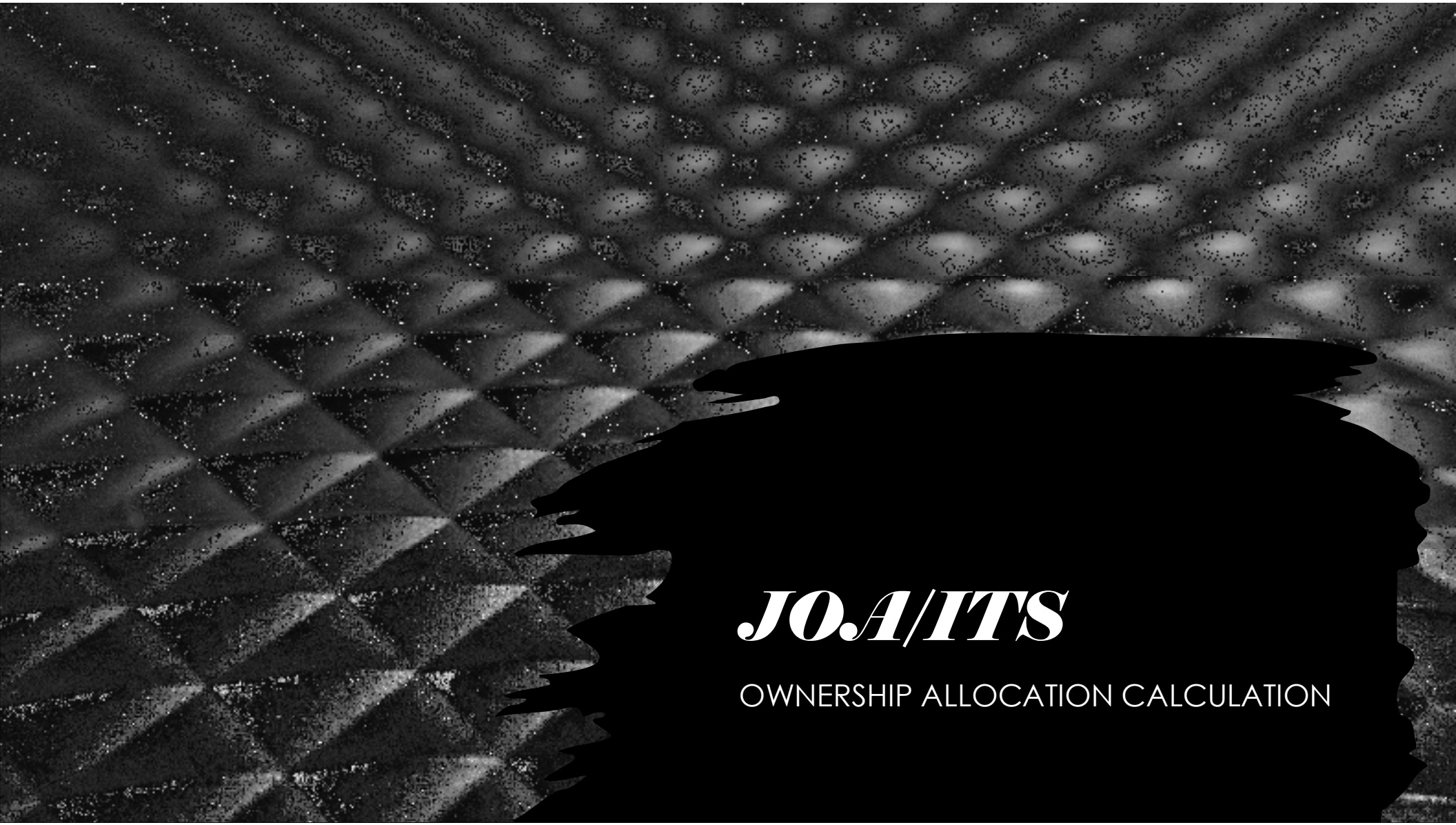
WAPA 2436 Emergency Conditions

PART FIVE

GENERAL PROVISIONS

SERVICE UNDER EMERGENCY CONDITIONS

29. When, because of conditions on the power systems of either Party resulting from causes similar to the types specified in the Continuity of Service article specified in the General Power Contract Provisions, the system of the Party so affected is temporarily unable to supply the requirements of its customers and in addition to transmit energy required by loads or customers of the other Party pursuant to Part Two or Part Three hereof as may be applicable, necessary curtailment of loads will be effected in a manner that will cause the least hardship to the entire service area affected irrespective of whether the load is normally supplied by Western, by the Company, or by a third party. Both Parties shall cooperate in general procedures for effecting necessary curtailments of service.


JOA/ITS
OWNERSHIP ALLOCATION CALCULATION

New Ownership Allocation Percentages

- After review of the PacifiCorp calculations we have found no areas of concern.
- UAMPS ownership adjusts from the current 56.74% to 49.11%
- At June 2022 PMC will seek approval:
    - Provide notice to PacifiCorp of acceptance of the calculations
    - Request refund from PacifiCorp for 7.63% over-payment of monthly O&M activities dating back to completion of Phase 3 (double circuit 138kV line construction, 2009)
    - Update PCC-917 with new ownership percentage
    - Engage PacifiCorp to amend the JOA/ITS agreements

Geothermal Opportunities

RESOURCE COMMITTEE UPDATE

MAY 18, 2022

Fervo Energy

- Established in 2018
- VC funded startup
- Moved from 6 to 25 employees in the last year
- Actively working one rebuild project
- Fiber optic sensing technology
- Horizontal drilling
- NV and UT projects available
  - UT pricing $67-70/MWh
- Availability late 2020's

Ormat

- Established in 1965
- Work completed in 30 countries
- 21 geothermal projects in USA
- Actively drilling in 2022 with 10 rigs in CA, NV, UT
- NV and UT projects available
  - UT pricing $65-75/MWh depending on well depth required
- 15-20 year PPA – must take energy
  - Can ramp to meet load, but take or pay
  - Other contract options available but similar idea

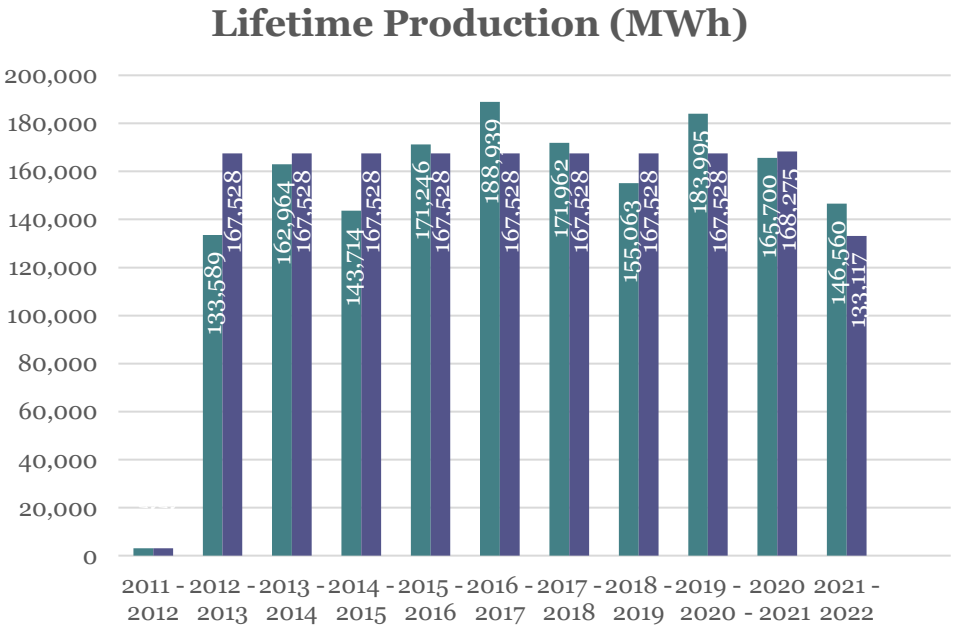
Ormat – continued

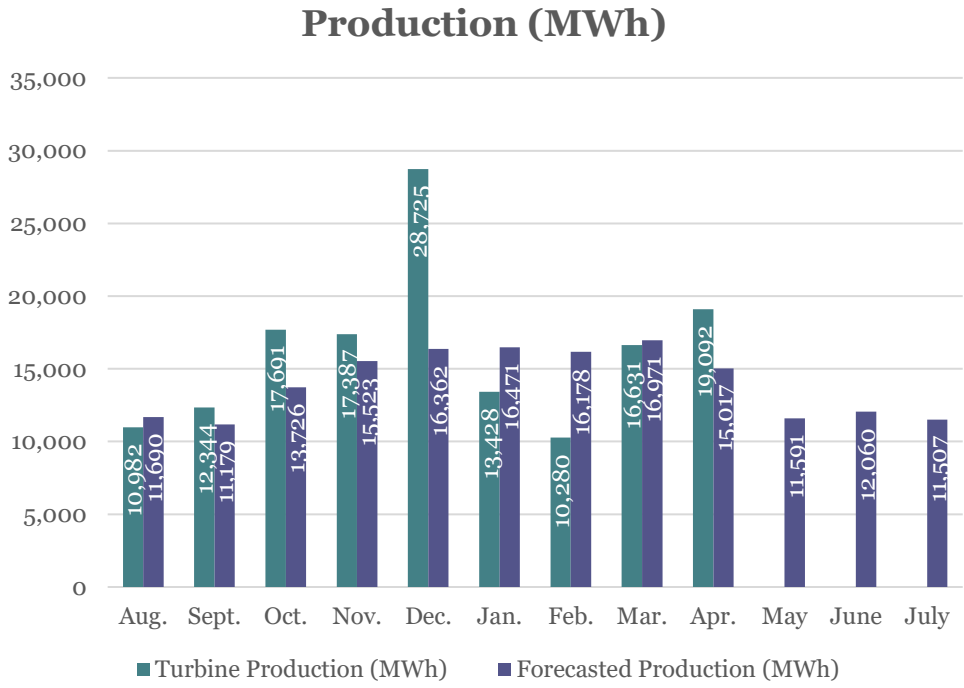
- Generally wait to sign PPA until have enough development to determine project generator size
  - If there are competing interests, can look at exclusivity
- Generally 30-40 MW projects
- If there is interest, could pursue exploratory drilling in 2023
  - Bailey Mountain adjacent Blundell
- COD 2025 to 2026 range
- Transmission investigation in process
- Same technology as Veyo project, just a different heat source
- Waiting for additional marketing information

Horse Butte Wind Project

2022 –May Project Update

Production – Lifetime / Rolling 12 Months



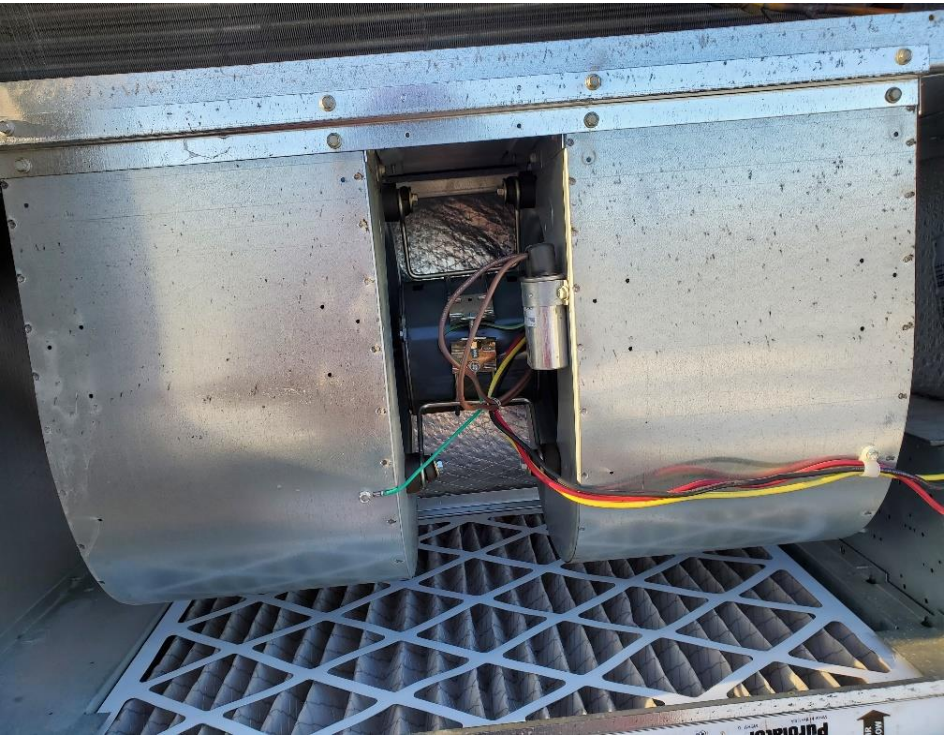


Balance of Plant

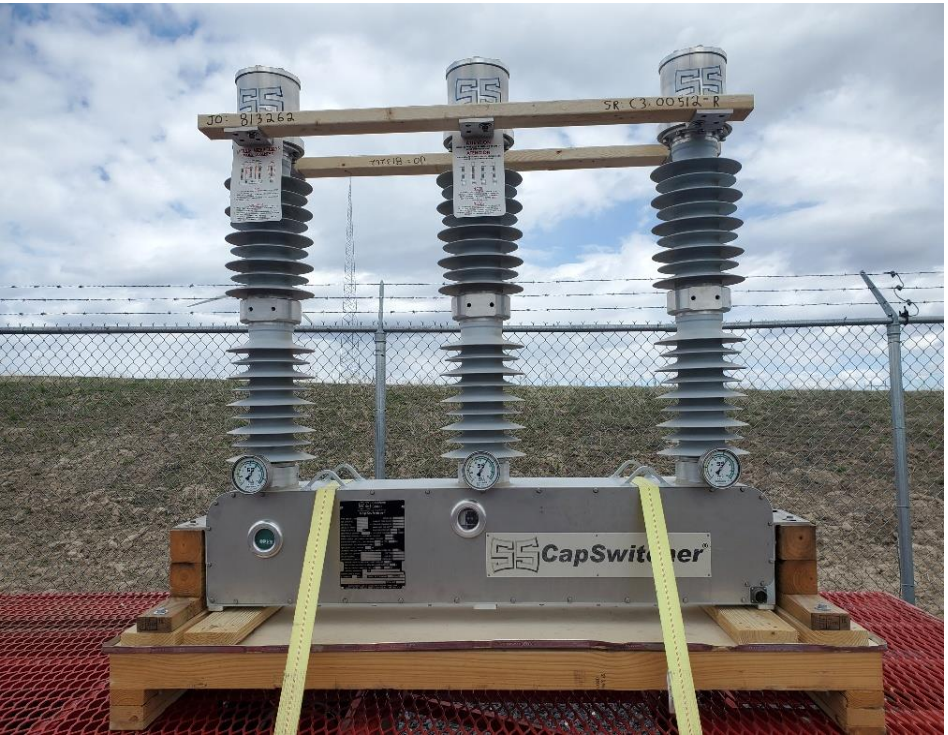
Substation, Snowcat, MET and Radio Towers, Foundations

- Substation – VOB Backup Battery Replacement. Supply chain issues, HVAC Repairs completed, switcher installation, drain transformer oil containment.
- Snowcat Repairs – Transported to Tupco, Inc for annual maintenance services.
- MET and Radio Tower Repairs.
- Foundation repairs to commence the spring-summer period.

HVAC Repair

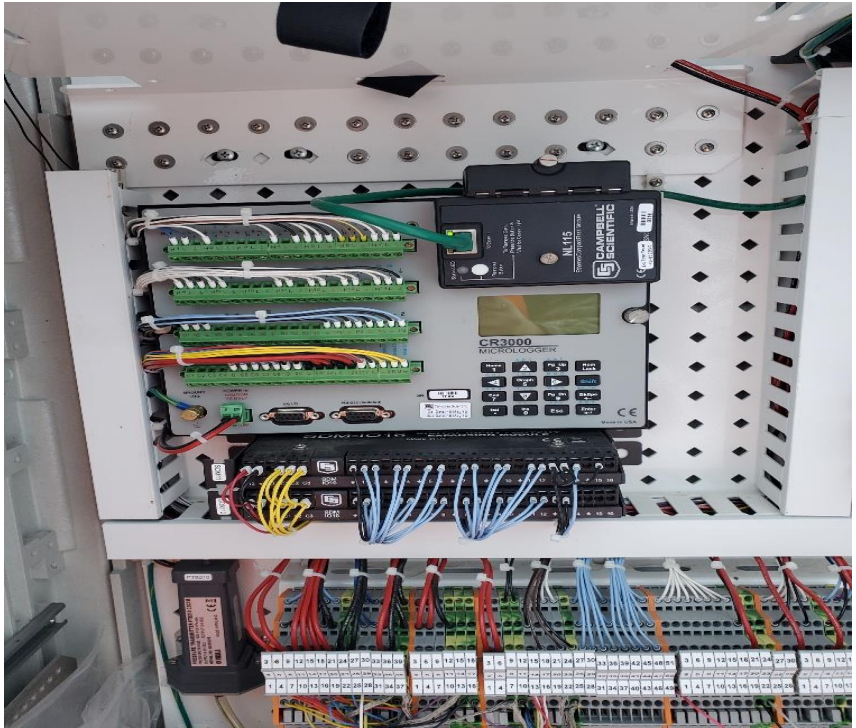


Substation Switcher device



Drain Transformer oil collection tank

MET and Radio Tower Repairs



Foundation Remediations

COVID 19 Update

- Following CDC guidelines, with Vestas maintaining POD segregation with level 2a.
- Vestas commenced 10-year maintenance cycle on March 2nd with 14 services completed week to date.

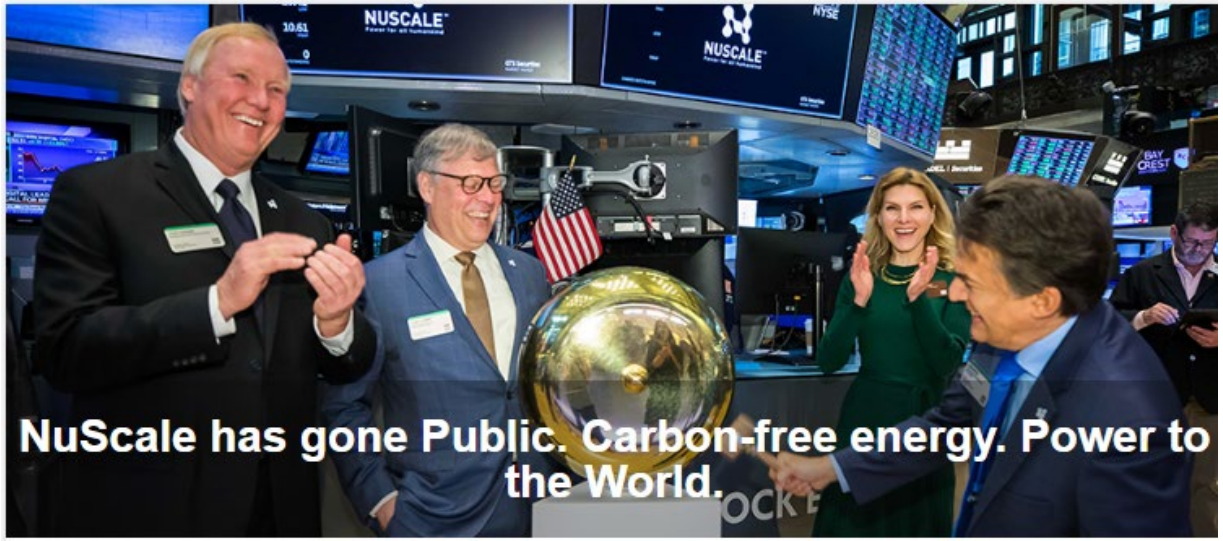
UAMPS
Utah Associated Municipal Power Systems

SMARTENERGY

CARBON FREE POWER PROJECT UPDATE
May 2022

NuScale Update

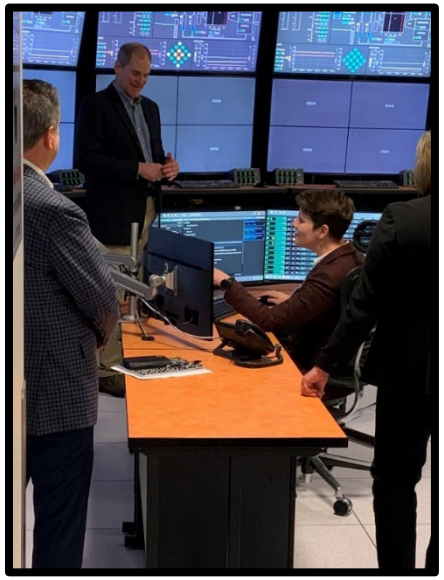
- May 2 - 4, CFPP Current and Potential Subscribers Tours
  - Involved over 80 participants representing numerous public power entities
- On May 3, NuScale completed transaction with SPAC partner and became publicly listed on the NYSE
  - This provides significant operating capital for the company to scale and accelerate the commercialization of NuScale's advanced SMR technology



Licensing & NRC Engagement

- NRC & DOE Leadership discussion occurred March 22-24 at NuScale Offices
  - Good dialog, presented unified CFPP team to NRC
  - Participants includes representatives from UAMPS/CFPP, Owner's Engineer, NuScale, Fluor, & DOE
  - Discussed NRC submittals planned for 2022, 2023 and through early 2024
  - Tours of the NuScale Simulator and the NuScale Integral System Test (NIST) facility were also performed

Tour of the NuScale Integral System Test (NIST) Facility with Melissa Bates, DOE Technical Project Officer, and other members of the DOE, NRC & CFPP Team



Dr. Kathryn Huff, nominee to be Assistant Secretary of Energy, on the NuScale Simulator

DOE Engagement

- CFPP Semi-Annual Meeting held at DOE Offices in Washington, DC
  - May 10-11
  - Discussed Overall CFPP Development and Agreements
  - Discussed COLA progress, field activities and estimate progress since start of the Award and future plans
- Overall Feedback was Positive
  - Appreciated the Integrated Master Schedule as important and shows the overall plan for success
  - Impressed by our project management fundamentals such as
    - Work Breakdown Structure
    - Integrated Schedule
    - Risk Management
    - The schedule shows CFPP "skin in the game"

CFPP Site Activity

- May Field Work Upcoming - Starts this week
  - P-S Suspension Testing
  - Met. Tower lowering, calibration and maintenance
  - Groundwater Monitoring
  - Closure grouting for P-S Suspension bore holes
    - P-Wave & S-Wave: Compression & Shear Wave Velocities in the rock and soil
- July Field Work
  - Seismic Reflection Testing – Re-Scheduled to July due to migration bird impacts

Class 3 Estimate Update

- Class 3 Estimate (-20% / +30%) continues as planned
- Estimate activities remain under budget, as previously reported
- CFPP is receiving Fluor quantities and priced equipment list for review
- Fluor internal team reviews started in April and completed last week, May 13
- Fluor management reviews start May 18 and will complete end of June
- Projecting completion on June 27, 2022

Class 3 Estimate Update

- Next CFPP & Fluor Estimate Engagement Meeting - May 24-25
  - This is the Fourth Engagement/Review Meeting
  - Face-to-Face Meeting involving Owner Engineers from Burns & McDonnell and MPR
  - Occurs at Fluor Offices in Houston
    - Key focus items
      - Identify gaps & overlaps between Floor & CFPP estimates
      - Review available cost estimates and quantity updates
      - Discuss significant variance from AACE Class 4 estimate & mitigation
      - Understand remaining work & management reviews
      - Confirm final estimate product easily integrates with CFPP ECT format

UAMPS SMARTENERGY

Class 3 Estimate – Owner Scope Update

- Conceptual designs completed and issued to estimating
  - Wastewater treatment & Zero Liquid Discharge (ZLD) enclosure
  - Raw water enclosure
  - Protected Area (PA) security building
- Budgetary pricing solicited & received
  - Wastewater treatment & ZLD equipment
  - Health physics network
- Conceptual designs in progress/nearing completion
  - Transmission connection
  - Commodities (pipe/valves/cable/etc.)
- Meeting regularly with engineers and estimating to review work products

Combined License Application (COLA) Update

- Overall, COLA progress is ahead of schedule and under budget
- As reported last month, Geotechnical Analysis is delayed from the Idaho National Lab (INL)
  - In response to the delays in data turnover from the INL PSHA/SSHAC Team, the COLA Team is implementing mitigation measures:
    - Delay 1 – The COLA Team is developing preliminary data packages that include CFPP Site Data that were originally to be produced by the INL PSHA/SSAC Team. Output from the mitigation measure has started
    - Delay 2 – Last month, CFPP formally requested that DOE-ID help expedite data turnover from the INL PSHA/SSHAC Team. DOE provided a verbal response on May 11, that expedited turnover of data cannot occur
- Plans have been finalized for a re-forecast of the CFPP COLA Baseline Schedule the week of May 16, 2022. This will incorporate the delayed turnover of data (Delay 2) from INL PSHA/SSHAC.

COMBINED LICENSE APPLICATION (COLA) UPDATE

- COLA is making very good progress
- Through April, progress on the COLA was 18.9% versus a baseline plan of 14.6%
- Work is ongoing in more than 30 Sections of the COLA

Environmental Report Chapter/Sections currently under development
CFPP - COLA Prep - Part 03 - Chapter 01 - Section 1 Introduction
CFPP - COLA Prep - Part 03 - Chapter 02 - Section 0 The Proposed Site Contractor / Site Location
CFPP - COLA Prep - Part 03 - Chapter 02 - Section 1 Land Use
CFPP - COLA Prep - Part 03 - Chapter 02 - Section 3 Ecological Resources
CFPP - COLA Prep - Part 03 - Chapter 02 - Section 4 Socioeconomics
CFPP - COLA Prep - Part 03 - Chapter 02 - Section 6 Historic & Cultural Resources
CFPP - COLA Prep - Part 03 - Chapter 02 - Section 8 Nonradiological Health
CFPP - COLA Prep - Part 03 - Chapter 02 - Section 9 Radiological Environment & Monitoring
CFPP - COLA Prep - Part 03 - Chapter 03 - Section 1 External Appearance & Plant Layout
CFPP - COLA Prep - Part 03 - Chapter 04 - Section 3 Ecological Resources
CFPP - COLA Prep - Part 03 - Chapter 04 - Section 6 Historic & Cultural Resources
CFPP - COLA Prep - Part 03 - Chapter 05 - Section 6 Historic & Cultural Resources
CFPP - COLA Prep - Part 03 - Chapter 09 - Section 2 Energy Alternatives
CFPP - COLA Prep - Part 03 - Chapter 09 - Section 4 System Alternatives

FSAR Chapter/Section currently under development
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 10 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 1 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 2 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 3 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 4 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 5 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 6 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 7 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 8 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 01 - Section 9 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 10 - Section 1&2 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 10 - Section 3 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 10 - Section 4 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 02 - Section 1.2 - Section Writing
CFPP - COLA Prep - Part 02 - Chapter 02 - Section 4.6 - Section Writing

Combined License Application (COLA) Update

- The INL BEA Team has initiated ecological surveys of the CFPP Site to support the COLA:
  - Seasonal surveys for ecological receptors will be completed next winter per the COLA Baseline Schedule.
  - Cultural resource surveys will be initiated in the coming month and are projected to be completed later this year.
- RIZZO issued the Draft Geotechnical Report on May 9, 2022:
  - The report is more than 3,100 pages and presents the results of the lab analysis conducted on the samples collected at the CFPP Site;
  - The report also provides recommendations on construction of the plant

UAMPS SMARTENERGY

Limited Work Authorization

- A Limited Work Authorization (LWA) is a Nuclear Regulatory Commission (NRC) process that can allow certain site preparation and construction work to start ahead of the NRC approval of the COLA (discussed last month)
  - The LWA provides schedule benefits & reduce overall project risk
- We have directed the Fluor COLA Team to initiate planning for the development of an LWA
- The LWA activities are being incorporated into the COLA Baseline Schedule and we plan to initiate activities in June 2022
- We will discuss the LWA process with the NRC in the Pre-Application Engagement Meeting scheduled for NuScale' s this week on May 19, 2022
- We are also discussing with DOE to ensure all NEPA requirements are addressed
  - DOE plans to support as a Cooperating Agency

CFPP Site Activity

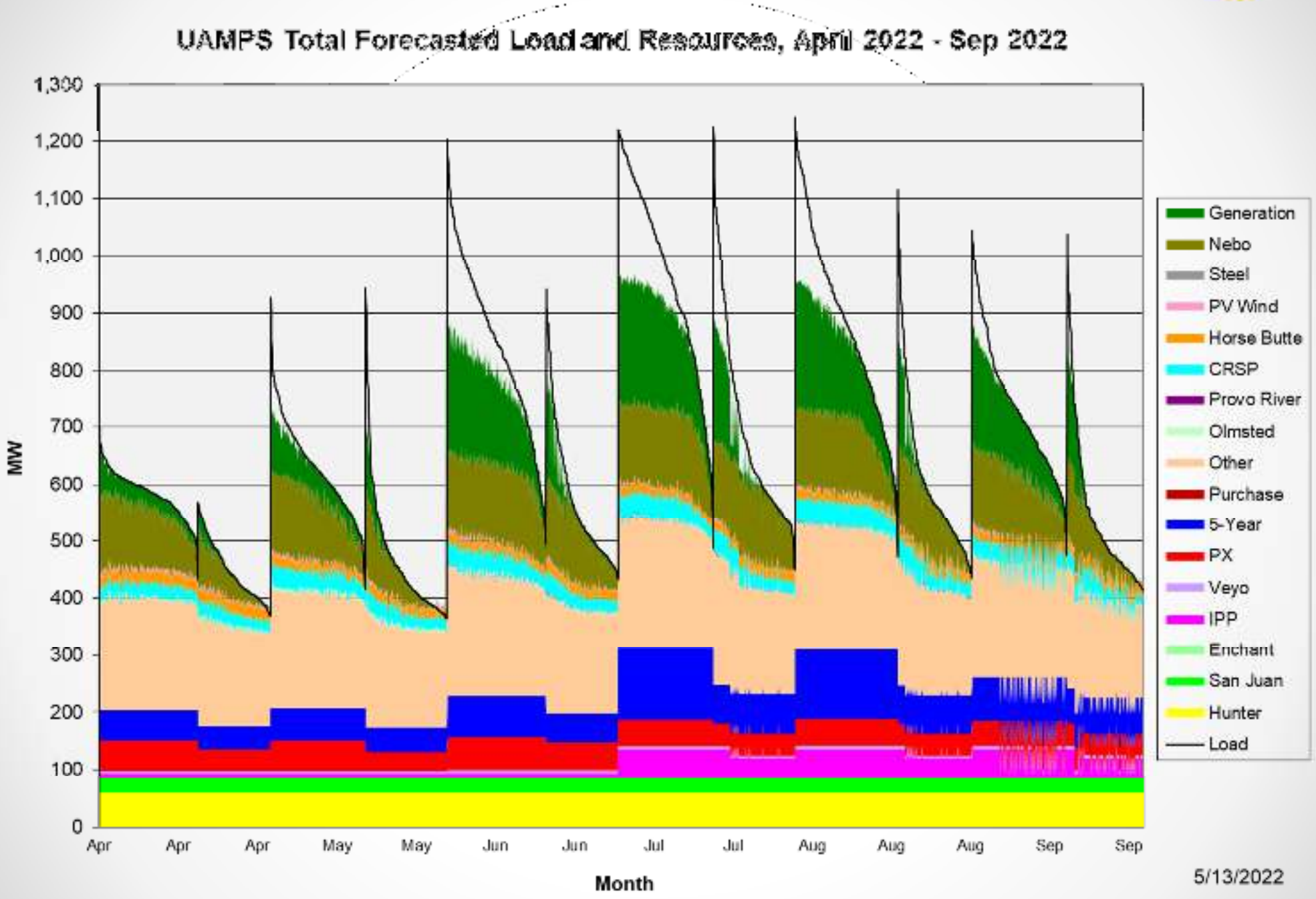
- Soils Electrical Resistivity Testing - Completed on April 28th
  - Measures the soil conductivity. This is necessary for designing proper site-specific plant electrical grounding requirements.
  - Total of 16 lines of 22,500 feet. All planned work completed, safely.

UAMPS SMARTENERGY

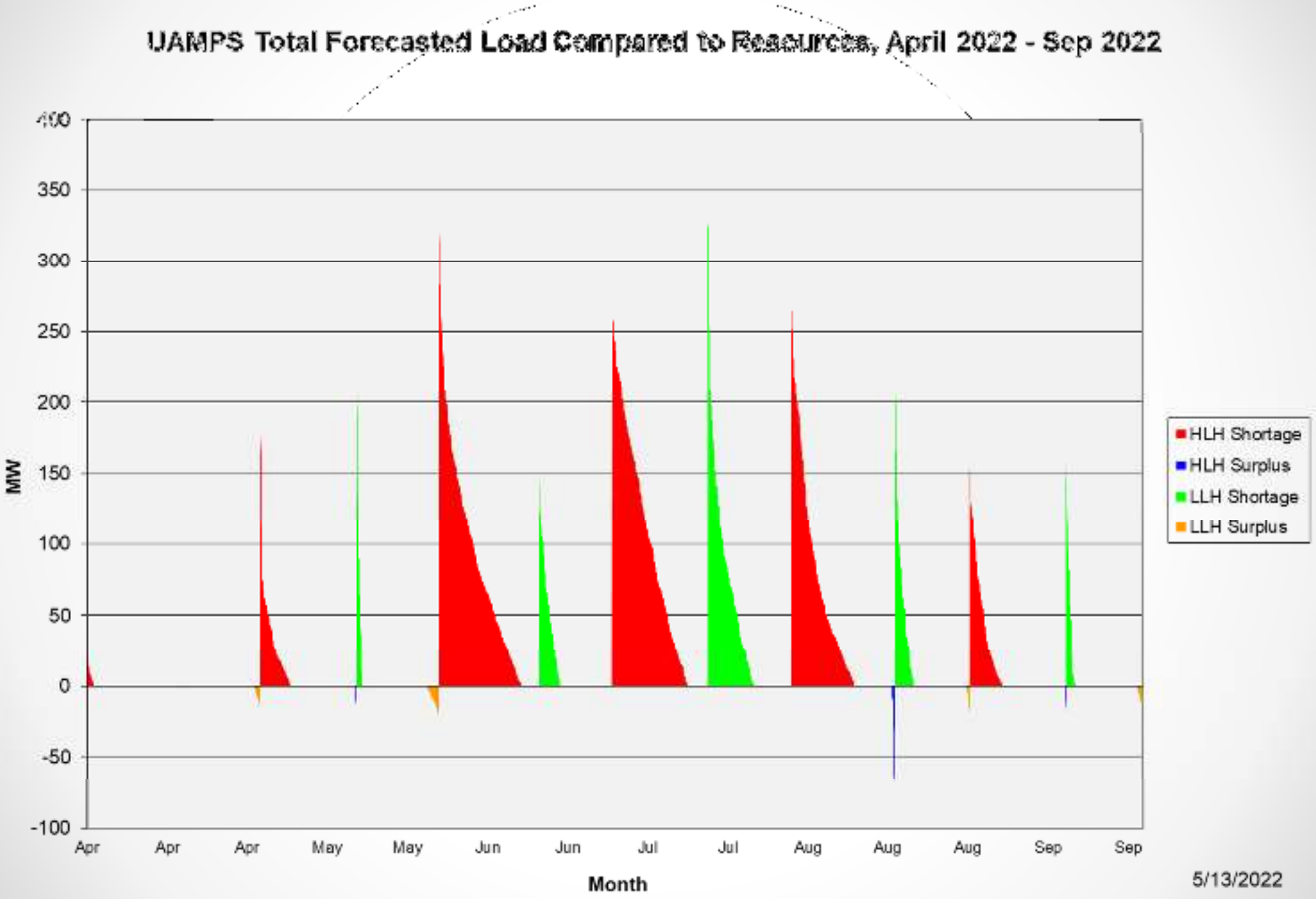
CFPP Operations Model

- The foundation for the CFPP Operations Model is the Xcel Energy Nuclear Fleet Operating Model.
  - Industry best nuclear fleet with low cost, high safety performance, and high reliability.
  - Contains all the policies, programs and procedures to run a similar reactor type
  - Centrally managed by a strong leadership team
- Ongoing work in the Operations Model workstream:
  - Ready-to-Operate Plan. Details the scope and schedule to stand up the operations organization. Tailored from Xcel Operations Model for their existing nuclear fleet.
  - Operating Cost Estimate. A key input to the Economic Competitiveness Test (ECT)
- Each of these elements are key parts of the M&O Agreement currently in development, and are key inputs prior to Fall PCE3 Governance Milestone

with MIGs per sum of member forecasts and Nebo filling Total needs



with MIGs per sum of member forecasts and Nebo filling Total needs



Forward Prices

Market Prices			5/15/2022
Month	HLH	LLH	Flat
Apr-22			
May-22			
Jun-22	$113	$71	$96
Jul-22	$187	$97	$145
Aug-22	$250	$115	$194
Sep-22	$174	$108	$144
Q3	$204	$107	$161

Market Prices			4/14/2022
Month	HLH	LLH	Flat
Apr-22			
May-22	$60	$57	$59
Jun-22	$111	$69	$93
Jul-22	$226	$94	$165
Aug-22	$265	$103	$197
Sep-22	$165	$93	$133
Q3	$219	$97	$165

Market Prices			3/11/2022
Month	HLH	LLH	Flat
Apr-22	$38	$41	$39
May-22	$38	$37	$37
Jun-22	$92	$52	$79
Jul-22	$205	$72	$161
Aug-22	$227	$85	$180
Sep-22	$136	$72	$115
Q3	$189	$76	$152

Market Prices			2/9/2022
Month	HLH	LLH	Flat
Apr-22	$33	$36	$34
May-22	$33	$34	$34
Jun-22	$97	$50	$82
Jul-22	$218	$72	$169
Aug-22	$234	$81	$183
Sep-22	$140	$66	$116
Q3	$197	$73	$156

Market Prices			12/1/2021
Month	HLH	LLH	Flat
Apr-22	$46	$50	$47
May-22	$46	$47	$46
Jun-22	$111	$60	$94
Jul-22	$263	$89	$205
Aug-22	$269	$94	$211
Sep-22	$170	$75	$138
Q3	$234	$86	$185

Notes

- PNM / San Juan Purchase Opportunity
  - Bid went to another entity
- Couple members have made Palo Verde index priced agreements

AVERAGE YEARLY POWER PRICES

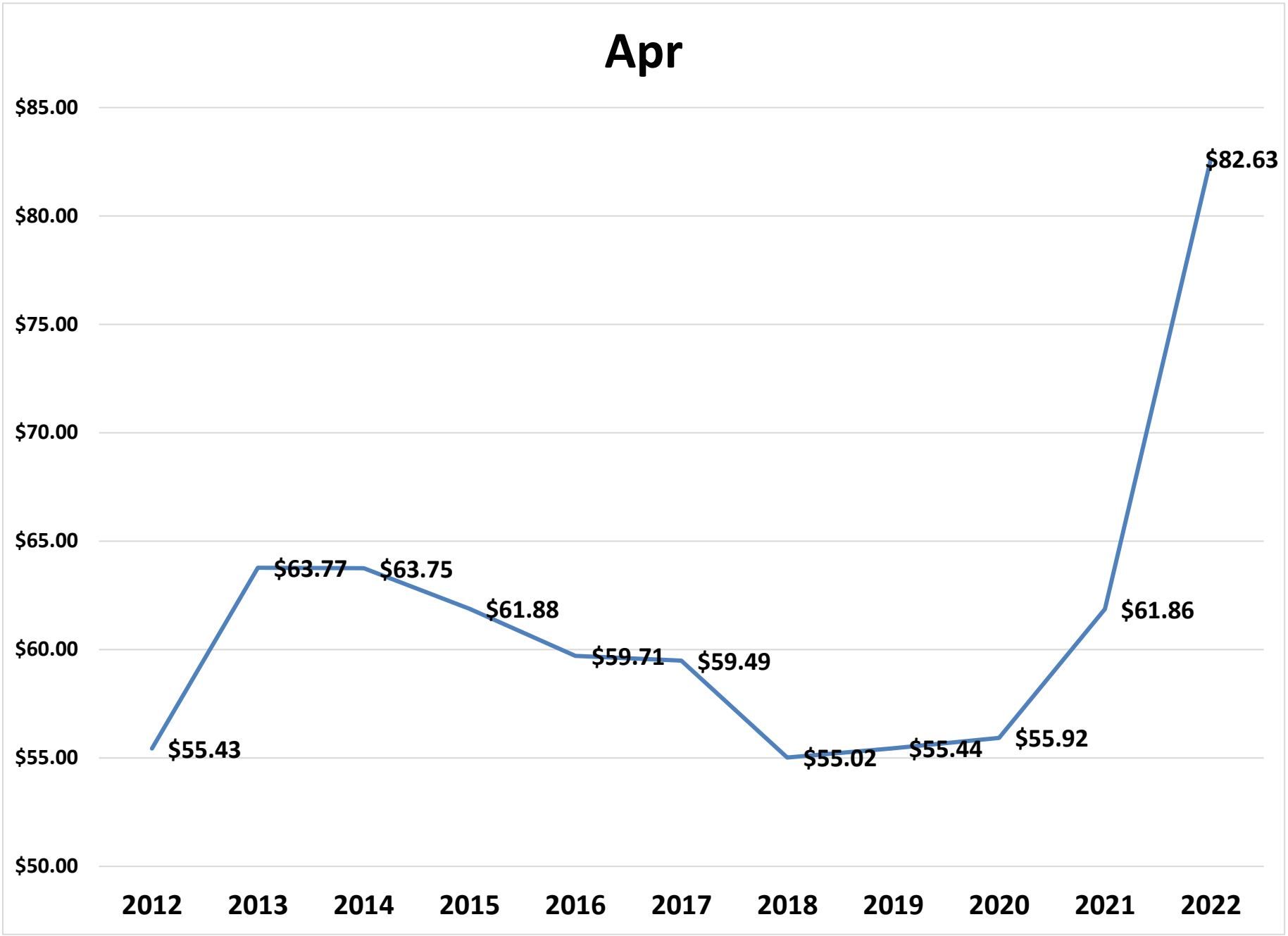
20-21 bdgt amount **$63.31**

BDGT Year to Date **$66.35**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Jan	$56.66	$60.76	$58.36	$59.86	$57.87	$59.07	$60.62	$59.75	$57.76	$60.14	$68.25
Feb	$59.78	$58.15	$64.45	$65.94	$62.38	$63.04	$60.96	$67.00	$60.67	$63.19	$70.88
Mar	$57.28	$63.50	$60.83	$62.03	$61.77	$60.99	$60.09	$65.17	$64.67	$63.64	$67.28
Apr	$55.43	$63.77	$63.75	$61.88	$59.71	$59.49	$55.02	$55.44	$55.92	$61.86	$82.63
May	$53.31	$60.28	$61.64	$64.71	$65.51	$60.32	$58.86	$58.55	$58.55	$59.69	
June	$50.09	$56.05	$59.15	$58.30	$65.51	$58.54	$52.17	$55.30	$53.44	$86.91	
Jul	$51.16	$55.62	$56.85	$56.91	$56.95	$58.29	$67.87	$54.29	$55.98	$81.04	
Aug	$51.57	$55.49	$56.84	$55.27	$57.67	$59.00	$66.55	$54.58	$78.40	$72.03	
Sep	$54.79	$58.80	$59.46	$56.06	$56.97	$62.36	$55.00	$54.34	$64.93	$82.38	
Oct	$62.68	$60.35	$61.42	$56.97	$59.23	$59.79	$59.36	$59.70	$62.82	$75.92	
Nov	$63.37	$61.65	$63.03	$59.68	$64.18	$62.14	$64.60	$63.80	$63.60	$70.47	
Dec	$56.02	$58.37	$60.91	$57.90	$61.51	$58.80	$61.61	$58.55	$60.33	$70.07	
Yr Avg	$56.01	$59.40	$60.56	$59.63	$60.64	$60.15	$60.23	$58.87	$61.42	$70.61	$72.26
Weighted Avg	$55.22	$58.80	$60.34	$58.99	$59.55	$59.90	$60.56	$58.11	$61.98	$72.46	$72.02

Cy to Date

These figures capture the total cost of power to the power department. The power department uses costs only associated with the purchasing and generation of power and includes debt payments and interest associated with power resources.


Apr
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$80.00
$75.00
$70.00
$65.00
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$55.00
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$63.77
$63.75
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2012
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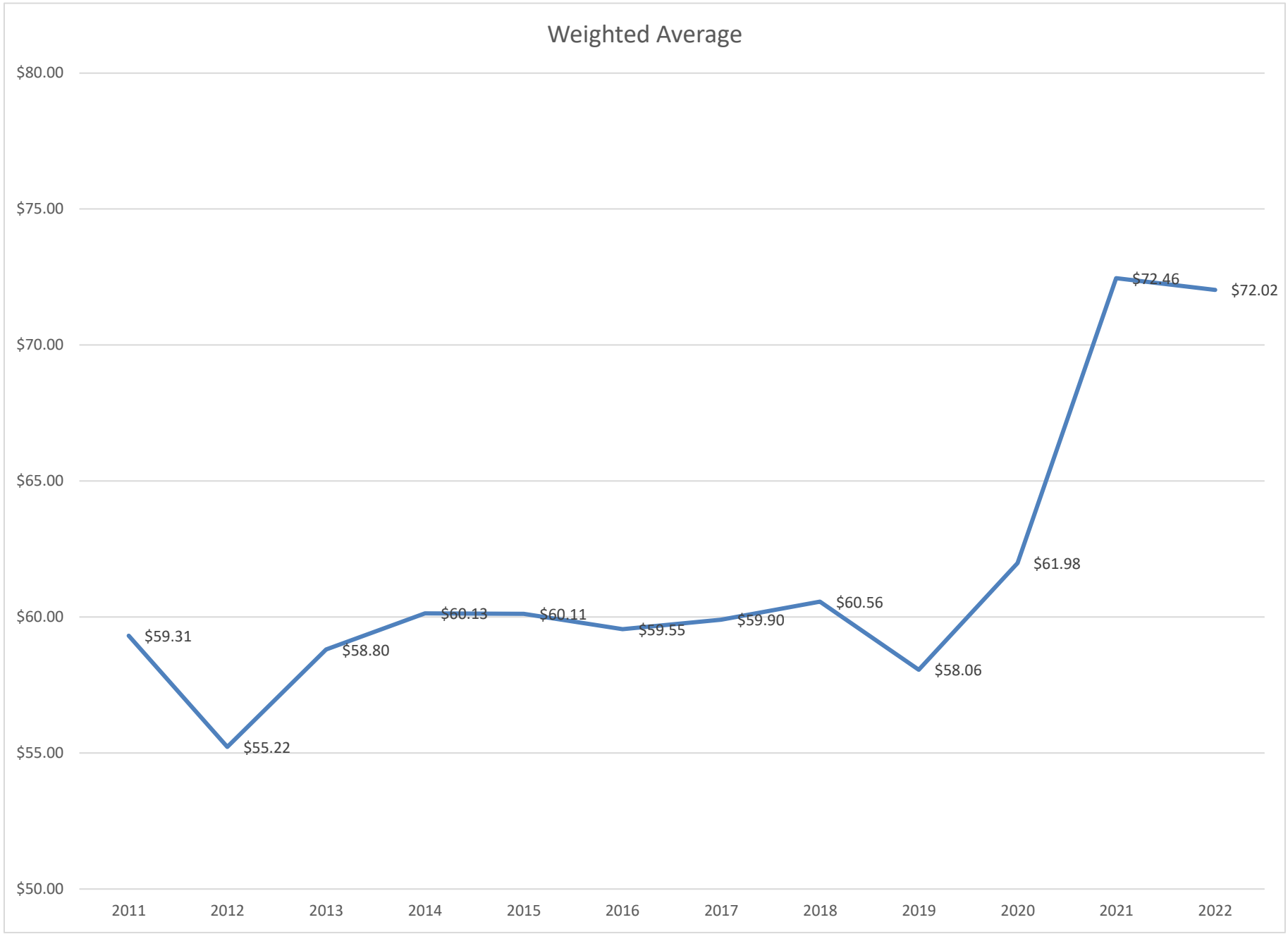
Weighted Average
$80.00
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$70.00
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$55.00
$50.00
2011
2012
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$59.90
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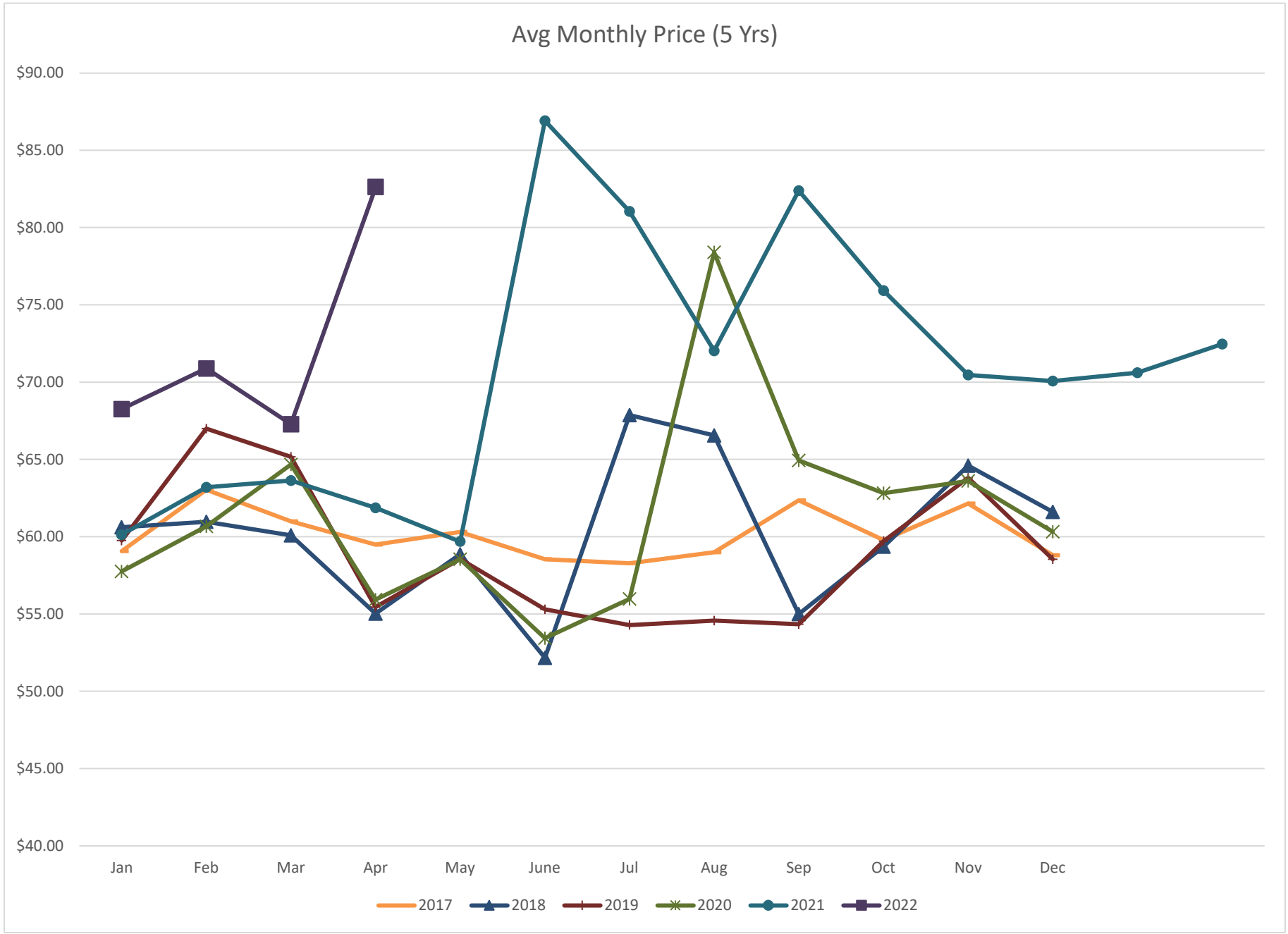
$58.06
$61.98
$72.46
$72.02


Avg Monthly Price (5 Yrs)
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$85.00
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$75.00
$70.00
$65.00
$60.00
$55.00
$50.00
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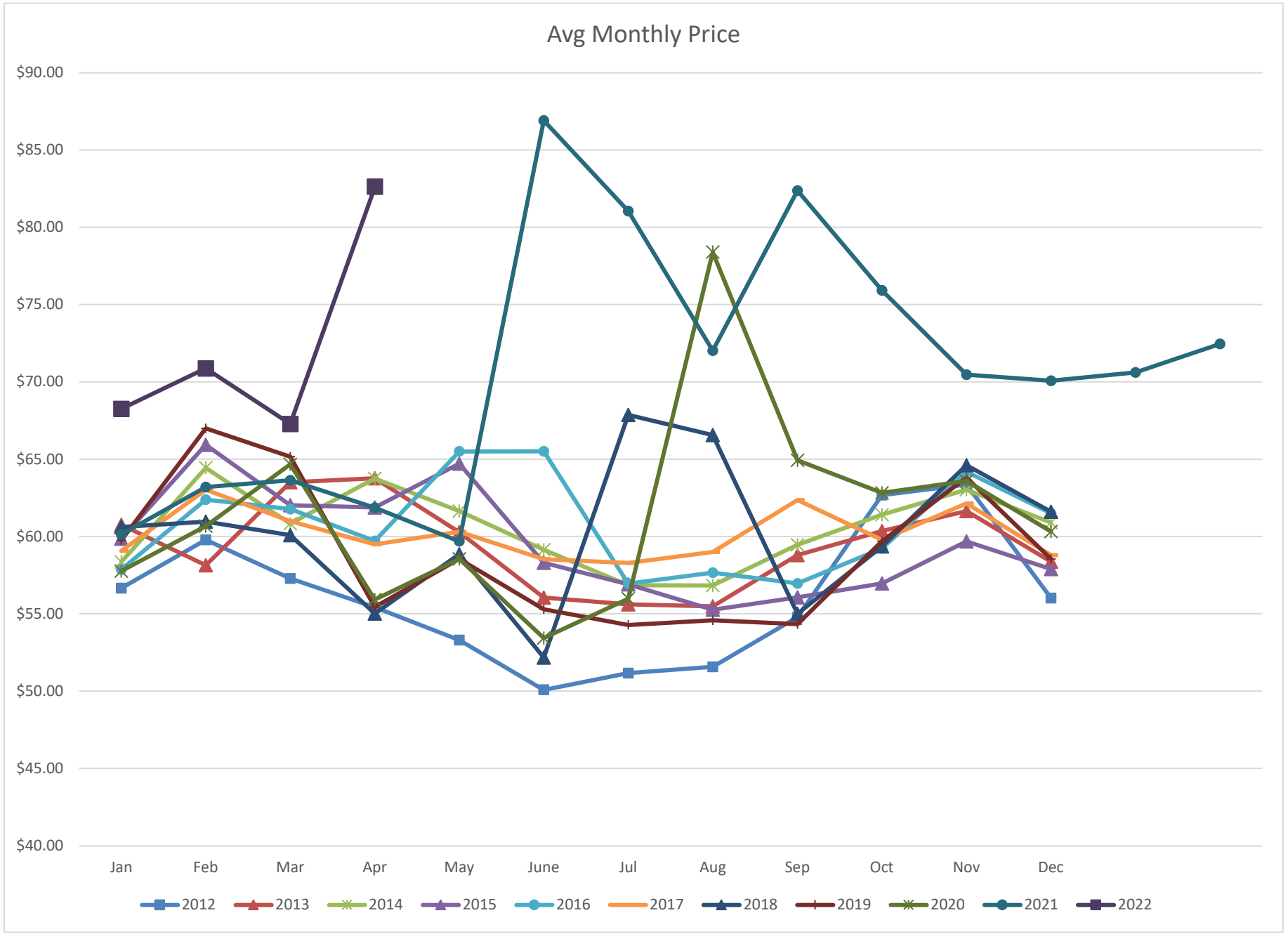
Avg Monthly Price
$90.00
$85.00
$80.00
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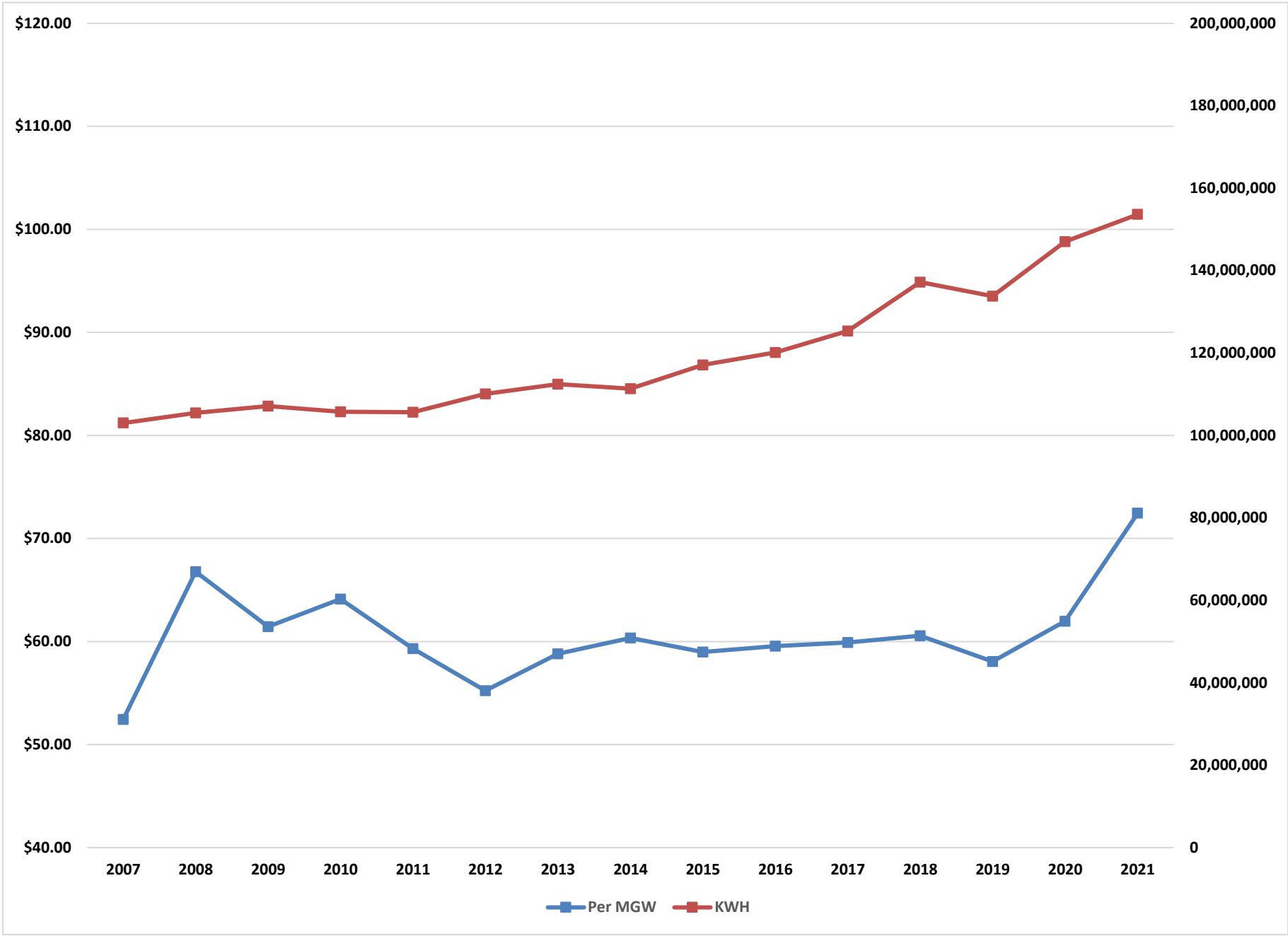
$120.00
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